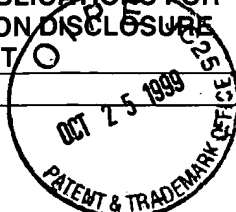


#3

FORM PTO-1449	SERIAL NO. 09/370,757	CASE NO. 6270/34
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE August 9, 1999	GROUP ART UNIT 2858
(use several sheets if necessary)	APPLICANT(S): I. Ross Macfarlene et al.	



## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
<del>JS</del>	A1	RE31,774	12/1984	Fletcher et al.	—	—
<del>JS</del>	A2	4,077,061	02/1978	Johnston et al.	—	—
<del>JS</del>	A3	4,156,280	05/1979	Griess	—	—
<del>JS</del>	A4	4,240,149	12/1980	Fletcher et al.	—	—
<del>JS</del>	A5	4,345,311	08/1982	Fielden	—	—
<del>JS</del>	A6	4,365,302	12/1982	Elms	—	—
<del>JS</del>	A7	4,388,611	06/1983	Haferd	—	—
<del>JS</del>	A8	4,455,612	06/1984	Girgis et al.	—	—
<del>JS</del>	A9	4,459,546	07/1984	Arrington et al.	—	—
<del>JS</del>	A10	4,463,311	07/1984	Kobayashi	—	—
<del>JS</del>	A11	4,568,934	02/1986	Allgood	—	—
<del>JS</del>	A12	4,612,617	09/1986	Laplace, Jr. et al.	—	—
<del>JS</del>	A13	4,642,564	02/1987	Hurley	—	—
<del>JS</del>	A14	4,663,587	05/1987	Mackenzie	—	—
<del>JS</del>	A15	4,672,555	06/1987	Hart et al.	—	—
<del>JS</del>	A16	4,715,000	12/1987	Premierani	—	—
<del>JS</del>	A17	4,783,748	11/1988	Swarztrauber et al.	—	—
<del>JS</del>	A18	4,794,369	12/1988	Haferd	—	—
<del>JS</del>	A19	4,837,504	06/1989	Baer et al.	—	—
<del>JS</del>	A20	4,839,819	06/1989	Begin et al.	—	—
<del>JS</del>	A21	4,878,142	10/1989	Bergman et al.	—	—
<del>JS</del>	A22	4,878,185	10/1989	Brand et al.	—	—
<del>JS</del>	A23	4,884,021	11/1989	Hammond et al.	—	—
<del>JS</del>	A24	4,901,221	02/1990	Kodosky et al.	—	—
<del>JS</del>	A25	4,914,568	04/1990	Kodosky et al.	—	—
<del>JS</del>	A26	4,979,122	12/1990	Davis et al.	—	—
<del>JS</del>	A27	5,017,860	05/1991	Germer et al.	—	—
<del>JS</del>	A28	5,059,896	10/1991	Germer et al.	—	—
<del>JS</del>	A29	5,061,890	10/1991	Langini	—	—
<del>JS</del>	A30	5,081,413	01/1992	Yamada et al.	—	—
<del>JS</del>	A31	5,122,735	06/1992	Porter et al.	—	—
<del>JS</del>	A32	5,132,610	07/1992	Ying-chang	—	—
<del>JS</del>	A33	5,151,866	09/1992	Glaser et al.	—	—
<del>JS</del>	A34	5,155,836	10/1992	Jordan et al.	—	—
<del>JS</del>	A35	5,212,441	05/1993	McEachern et al.	—	—
<del>JS</del>	A36	5,224,011	06/1993	Yalla et al.	—	—
<del>JS</del>	A37	5,224,054	06/1993	Wallis	—	—

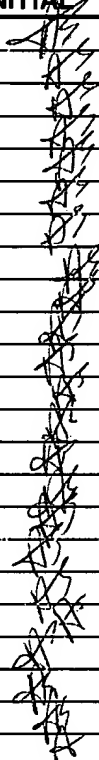
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	SERIAL NO. 09/370,757	CASE NO. 6270/34
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE August 9, 1999	GROUP ART UNIT 2858
(use several sheets if necessary)		APPLICANT(S): I. Ross Macfarlene et al.

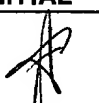
## REFERENCE DESIGNATION

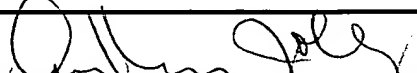
## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A38	5,233,538	08/1993	Wallis	-	-
	A39	5,243,536	09/1993	Bradford	-	-
	A40	5,243,537	09/1993	Neumann	-	-
	A41	5,245,275	09/1993	Germer et al.	-	-
	A42	5,247,454	09/1993	Farrington et al.	-	-
	A43	5,258,704	11/1993	Germer et al.	-	-
	A44	5,262,715	11/1993	King et al.	-	-
	A45	5,270,640	12/1993	Kohler et al.	-	-
	A46	5,301,121	04/1994	Garverich et al.	-	-
	A47	5,391,983	02/1995	Lusigman et al.	-	-
	A48	5,414,812	05/1995	Filip et al.	-	-
	A49	5,426,780	06/1995	Gerull et al.	-	-
	A50	5,481,700	01/1996	Thuraisingham	-	-
	A51	5,498,956	03/1996	Kinney et al.	-	-
	A52	5,537,029	07/16/96	Hemminger et al.	-	-
	A53	5,548,527	08/20/96	Hemminger et al.	-	-
	A54	5,549,089	08/27/96	Snell et al.	-	-
	A55	5,555,508	09/10/96	Munday et al.	-	-
	A56	5,627,759	05/06/97	Bearden et al.	-	-
	A57	5,631,843	05/20/97	Munday et al.	-	-
	A58	5,650,936	07/22/97	Loucks et al.	-	-
	A59	5,736,847	04/07/98	Van Doorn et al.	-	-
	A60	5,828,576	10/27/98	Loucks et al.	-	-

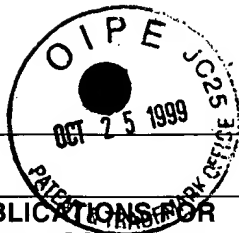
## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A61	"QUAD4® Plus and MAXsys™ Multifunction Electronic Meters and IEDS," On-Line User Guide, QUAD4 Plus/MAXsys Products User's Guide, Rev 1.01, pages 1-1 - 1-4; 1-13 - 1-15; 4-100, 4-107 - 4-108.

EXAMINER 	DATE CONSIDERED 2/1/01
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(use several sheets if necessary)		APPLICANT(S): I. Ross Macfarlene et al.

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A62	"QUAD4 <sup>®</sup> Plus and MAXsys <sup>™</sup> Multifunction Electronic Meters and IEDS", On-Line User Guide Product Definitions, <i>QUAD4 Plus/MAXsys Products User's Guide</i> , Rev 1.01, pages DEF-1 - DEF-13.
	A63	"Protective Relaying Theory and Applications," edited by Walter A. Elmore, pp. 17-37 (1994).
	A64	"The world is changing. The old answers no longer apply," <i>Schlumberger</i> , Bulletin.
	A65	"Series PM170 Powermeters," <i>SATEC</i> , Bulletin.
	A66	"System 270 Powermeter," <i>SATEC</i> , Bulletin.
	A67	"RPM090 Digital Transducer," <i>SATEC</i> , Bulletin.
	A68	"Series 290 Power Monitoring System," <i>SATEC</i> , Bulletin.
	A69	"PM290HD Powermeter With Harmonic Analysis," <i>SATEC</i> , Bulletin.
	A70	"AX-7 Analog Expander," <i>SATEC</i> , Bulletin.
	A71	"Application Software, Professional Systems For Energy Control And Management," <i>SATEC</i> , Bulletin.
	A72	"Power Monitoring And Analysis Systems," <i>SATEC</i> , Bulletin.
	A73	"PM - 295 Powermeter / Harmonic Analyzer," <i>SATEC</i> , Bulletin.
	A74	"PM 295 Power Monitoring System with Harmonic Analysis," <i>SATEC</i> , Bulletin.
	A75	"PM 170M Powermeter - with KVA Measurements," <i>SATEC</i> , Bulletin.
	A76	"Vector Electricity Meter with the Site Genie <sup>™</sup> Monitor," <i>General Electric</i> ,
	A77	"VECTRON <sup>®</sup> SVX Solid-State Polyphase Meters," <i>Schlumberger</i> , Bulletin 11314 (March 1996).
	A78	"MAXsys <sup>®</sup> 2510 Substation/High-End Direct Access Meter," <i>Siemens</i> , Bulletin.
	A79	"MAXsys <sup>®</sup> 2410 Direct Access Meter," <i>Siemens</i> , Bulletin.
	A80	"AIN ALPHA <sup>®</sup> Meter For IEC Standards," <i>ABB Information Systems</i> , Bulletin.
	A81	"ALPHA Stars <sup>™</sup> , National Wireless Communications for Remote Metering," <i>ABB Information Systems</i> , Bulletin.
	A82	"AIN Alpha, High Function Multi-Tariff Solid State Electricity Meter," <i>ABB Network Partner</i> , PB 42-280-Ib, pp. 1-20.
	A83	"MARK-V Digital True RMS Energy Meter," <i>TransData, Inc.</i> , Bulletin.
	A84	"MAXsys <sup>®</sup> - PSI," <i>Siemens</i> , Bulletin.
	A85	"MeterView <sup>™</sup> Software Environment..., ...Instant Access to Maxsys <sup>™</sup> Meter Information," <i>Siemens</i> , D00024D (1997).
	A86	"MAXsys <sup>®</sup> - Multi-Access Metering And Control," <i>Siemens</i> , Bulletin.
	A87	"MAXsys <sup>®</sup> For Energy Providers," <i>Siemens</i> , Bulletin.
	A88	QUAD4 <sup>®</sup> Plus and MAXsys <sup>®</sup> Meters and IEDs, <i>Siemens</i> , <i>QUAD2DSQ</i> (1998).
	A89	The QUAD4 <sup>®</sup> Plus Solid-State Meter," <i>PSI</i> , Bulletin.
	A90	"kV Telephone Modem," <i>General Electric</i> , Bulletin.
	A91	"kV A-Base Meters," <i>General Electric</i> , Bulletin.
	A92	"kV Class 320 Meters," <i>General Electric</i> , Bulletin.

EXAMINER 	DATE CONSIDERED 2/1/98
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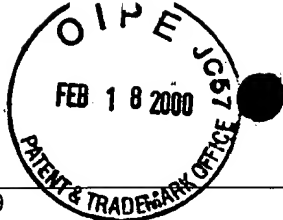


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(use several sheets if necessary)		APPLICANT(S): I. Ross Macfarlane et al.

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A93	"EnergyAxis™ Customer Site Metering System For On-Site Metering and Power Analysis," <i>ABB Information Systems</i> , Bulletin (1998).
	A94	"8500 ION® Direct Access Billing Meter," <i>8500 ION™</i> , Power Measurement, Bulletin (Aug. 11, 1998).
	A95	"7700 ION® 3-Phase Power Meter, Analyzer and Controller," <i>7700 ION™</i> , Power Measurement, Bulletin (April 22, 1998).
	A96	"American National Standard for Electric Meters - Code for Electricity Metering," <i>American National Standard</i> , Document ANSI C12.1 (1995).
	A97	"American National Standard for Electromechanical Watthour Meters," <i>The Institute of Electrical and Electronics Engineers, Inc.</i> , ANSI C12 (1987) (Revision of ANSI C12-10-1987).
	A98	"American National Standard for Electronic Time-of-Use Registers for Electricity Meters," <i>The Institute of Electrical and Electronics Engineers, Inc.</i> , ANSI C12 (Revision of ANSI C12 13-1985) (1991).
	A99	"American National Standard for Solid-State Electricity Meters," <i>The Institute of Electrical and Electronics Engineers, Inc.</i> , ANSI C12.16 (1991).
	A100	"American National Standard for Electricity Meters 0.2 and 0.5 Accuracy Classes," <i>American National Standards</i> , ANSI C12.20 (1998).
	A101	"ISO - Specification MTR1-96, Engineering Specification For Polyphase Solid-State Electricity Meters For Use On The ISO Grid," Exhibit A, pp. 1-42 (1997)
	A102	"Specifications For Approval Of Type of Electricity Meters, Instrument Transformers And Auxiliary Devices," <i>Consumer and Corporate Affairs Canada</i> .
	A103	"International Standard, Alternating current static watt-hour meters for active energy (classes 0,2 S and 0,5 S), <i>International Electrotechnical Commission</i> , second edition (1992).
	A104	"Meter-Mounting Devices, Industrial Products," <i>Canadian Standards Association</i> , C22.2 No. 115-M (1989).
	A105	"Alternating-Current Electricity Metering, Electric Power Systems and Equipment," <i>Canadian Standards Association</i> , CAN3-C17-M (1984).
	A106	"International Standard, Amendment 1 to Publication 868 (1986), <i>International Electrotechnical Commission</i> , Modification 1 (1986).
	A107	"International Standard, Electromagnetic Compatibility (EMC) - Part 4: Testing and measurement techniques - Section 15: Flickermeter - Functional and design specifications," <i>International Electrotechnical Commission</i> , 61000 4-15 (1997).
	A108	"Measurement Guide for Voltage Characteristics - Electricity Product Characteristics and Electromagnetic Compatibility," 230.02 <i>Norcomp, Unipede</i> (1995).
	A109	"Voltage characteristics of electricity supplied by public distribution systems," <i>BSI Standards</i> , 50160 (1995).
	A110	"Minutes of the 7th Meeting, Distribution Committee," <i>EEI</i> , 1998.

EXAMINER	DATE CONSIDERED 2/1/01
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#2

FORM PTO-1449	SERIAL NO. 09/370,757	CASE NO. 6270/34
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	FILING DATE August 9, 1999	GROUP ART UNIT 2858
APPLICANT(S): I. Ross Macfarlane et al.		

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
<i>[Signature]</i>	A1	5,514,959	05/07/96	Horan et al.		

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)
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#6



FORM PTO-1449	SERIAL NO. 09/370,757	CASE NO. 6270/34
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(use several sheets if necessary)	APPLICANT(S): I. Ross MacFarlane et al.	

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO
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EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
<i>JS</i>	C1	Brochure for the Quantum Q1000, Schlumberger, 6 pages (1997).

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EXAMINER <i>Arthur Joly</i>	DATE CONSIDERED <i>6/27/01</i>
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